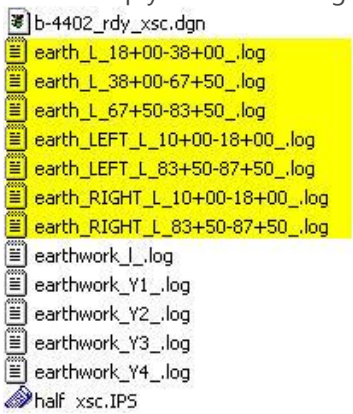
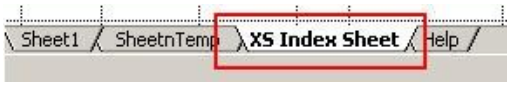
15_07 Creating the Cross Section X-1A Sheet

Question:
After importing the earthwork log files into the earthwork volume spreadsheet, why does the program fail to create the cross section X-1A sheet?

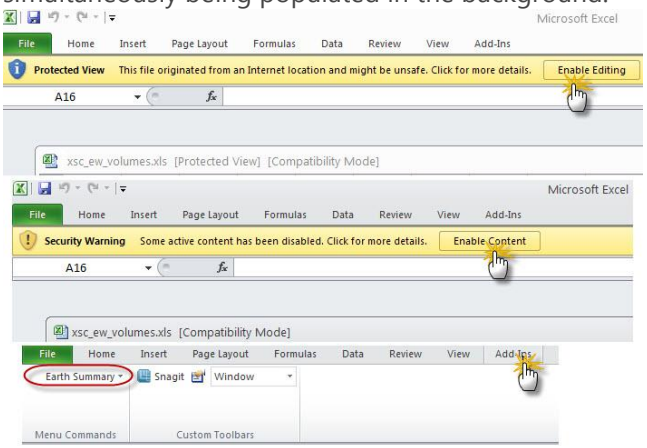
Answer:
The reason why the X-1A sheet was not generated is because the log files have a plus "+" symbol in the name. Simply rename the log files, highlighted below, without the plus symbols.

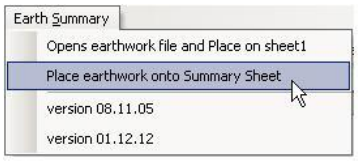


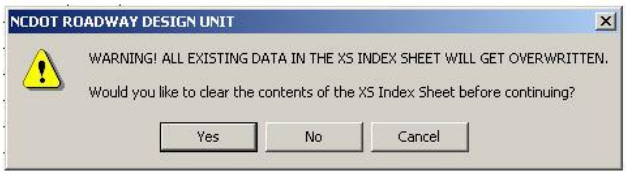
<u>XS Index Sheet</u>
Base on this question, we have identified the need to organize our cross section sheets for larger Projects. Rather than putting the stations in the log file name, a XS Index Sheet has been added into our Roadway Earthwork XSC Volume Summary Workbook (xsc_ew_volumes.xls).

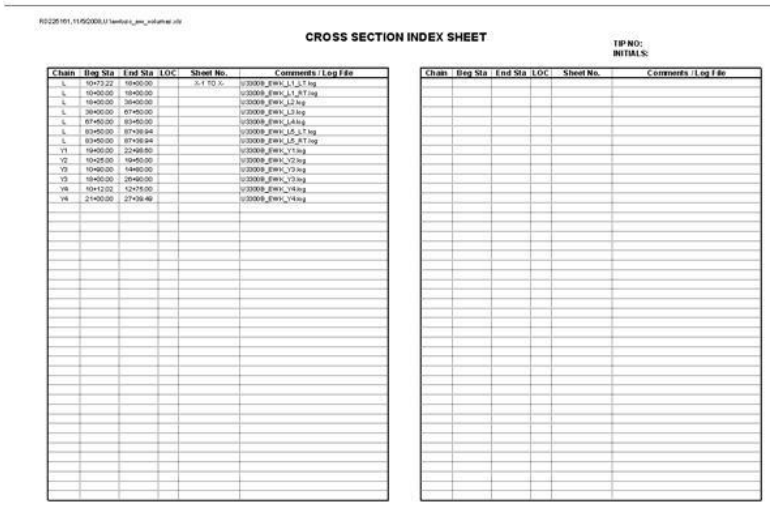


This sheet is populated with known data when the menu item "Place earthwork onto Summary Sheet" is selected. While the X-1A sheet (Summary Sheet) is being created at this step, the XS Index Sheet is simultaneously being populated in the background.









Chain	Beg Sta	End Sta	LOC	Sheet No.	Comments / Log File
L	10+73.22	18+00.00		X-1 TO X-	U3300B_EWK_L1_LT.log
L	10+00.00	18+00.00			U3300B_EWK_L1_RT.log
L	18+00.00	38+00.00			U3300B_EWK_L2.log
L	38+00.00	67+50.00			U3300B_EWK_L3.log
L	67+50.00	83+50.00			U3300B_EWK_L4.log
L	83+50.00	87+38.94			U3300B_EWK_L5_LT.log
L	83+50.00	87+38.94			U3300B_EWK_L5_RT.log
Y1	19+00.00	22+98.60			U3300B_EWK_Y1.log
Y2	10+25.00	19+50.00			U3300B_EWK_Y2.log
Y3	10+90.00	14+80.00			U3300B_EWK_Y3.log
Y3	18+00.00	26+90.00			U3300B_EWK_Y3.log
Y4	10+12.02	12+75.00			U3300B_EWK_Y4.log
Y4	21+00.00	27+39.49			U3300B_EWK_Y4.log

Note that the Location and Sheet Number columns ("unknown" to the VBA program at the time) will still have to be entered manually.

On larger Projects with over 100 XS sheets, we can benefit greatly from this spreadsheet.